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Docket: MA9658DIV2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Fraser et al.

Serial No: 10/614,392

Filed: July 7, 2003

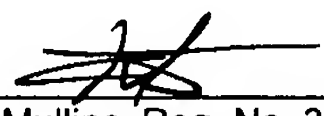
FOR: SYSTEMS AND METHODS FOR  
TREATING PATIENTS WITH  
PROCESSED LIPOASPIRATE CELLS

Examiner: Lankford Jr, Leon B.

Group Art Unit: 1651

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 22, 2006.

  
Kenton R. Mullins, Reg. No. 36,331

**TRANSMITTAL**

Sir:

Submitted herewith are (224 pages including this Transmittal):

1. Return Receipt postcard;
2. Information Disclosure Statement;
3. Deposit Account Authorization: The Commissioner is hereby authorized to charge any needed fees to deposit account 50-1600.

Respectfully submitted,



Kenton R. Mullins  
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March 22, 2006  
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949-450-1750



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Inventor Application of:

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §1.56 and §1.97, Applicants wish to call the attention of the Examiner to the references that are listed on the attached PTO Form 1449, copies of which are submitted herewith. Pursuant to 37 C.F.R. §1.98(a), U.S. patents and U.S. patent application publications are not being provided with the enclosed PTO Form 1449.

Applicants request that the cited references be considered and listed on the face of any patent issuing from this application. These citations do not constitute an admission that the references are relevant or material to the claims, but rather only constitute the closest art of which Applicants are presently aware.

Respectfully submitted,

Kenton R. Mullins  
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Registration No. 36,331

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Irvine, CA 92618  
949-450-1750

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	RULING DATE IF APPROPRIATE
	5,436,135	7/25/1995	Tayot et al			
	6,090,121	7/18/2000	Weber et al			
	6,030,836	2/29/2000	Thiede et al			
	5,226,914	7/13/1993	Haynesworth et al			
	4,963,489	10/16/1990	Naughton et al			
	5,916,743	6/29/1999	Lake et al			
	5,092,883	3/3/1992	Eppley et al			
	5,470,307	11/28/1995	Lindall			
	5,980,887	11/9/1999	Isner et al			
	5,261,612	11/16/1993	Ftaiha			
	6,777,231	Aug-04	Katz et al			
	5,952,215	Sep-99	Dwulet et al			
	5,686,262	Nov-97	Fink et al			
	5,158,867	Oct-92	McNally et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 96/38482	12/5/1996	WIPO				
WO 03/053362	7/3/2003	WIPO				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	International Search Report, July 30, 2003, PCT/US02/40921.
	International Search Report, December 12, 2002, PCT/US02/29207.
	International Search Report, April 6, 2005, PCT/US04/20594.
	International Search Report, April 12, 2005, PCT/US04/21417.
	International Search Report, April 12, 2005, PCT/US04/21549.
	International Search Report, December 22, 2005, PCT/US04/21418.
	International Search Report, December 30, 2005, PCT/US04/21415.
	International Search Report, April 4, 2005, PCT/US04/21480.
	International Search Report, April 12, 2005, PCT/US04/21391.
	COLEMAN III, et al. "Autologous Collagen? Lipocytic Dermal Augmentayion. A Histopathologic Study." J. Dermatol. Surg. Oncol. Vol. 19, 1032-1040 (1993).
	KATZ et al. "A Novel Device for the Simple and Efficient Refinement of Liposuctioned Tissue." Plastic and Reconstructive Surgery, Vol. 107, No. 2, 595-597 (Feb. 2001).
	CARPANDENA, C.A. "Collagen alterations in adipose autograft's." Aesthetic Plastic Surgery. Vol. 18, 11-15 (1994).
	SATTler et al. "Liporecycling: a technique for facial rejuvenation and body contouring." Dermantol. Surg. Vol. 26, No. 12, 1140-1144 (Dec. 2000).
	KALE et al. "Bone marrow stem cells contribute to repair of the ischemically injured renal tubule." J. Clinical Investigation, Vol. 112, No. 1, 42-49 (Jul. 2003).
	SAFFORD et al. "In vivo engraftment and differentiation of murine adipose derived stromal cells." Blood, Vo. 100, No. 11, 731a, (Nov. 2002).
	U.S. Application No. 2003/0,161,916, filed 08/28/2003, FRASER et al.
	MIRANVILLE et al. "Human adipose tissue-derived stem cells improve blood flow in the ischemic mouse hind-limb." Circulation, Vol. 108, No. 17, Supp. IV, 164 (Oct. 2003).
	SIVAN-LOUKIANOVA et al. "CD34+ Blood cells accelerate vascularization and healing of diabetic mouse skin wounds." J. Vascular Research, Vol. 40, No. 4, 368-377 (Jul.-Aug. 2003).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.